

Compositions containing clinically relevant numbers of immune cells that have been isolated from a patient differentiated and/or expanded ex vivo. Methods for treating or preventing disease or otherwise altering the immune status of the patient by reinfusing such cells into the donor are also provided. Methods for expanding and/or immune cells, including effector cells, in the absence of exogenous IL-2, and for administering the cells in the absence of co-infused IL-2 are also provided.